

FORT HUACHUCA, 1888

EXTRACT FROM: Annual Report of the Secretary of War, 1888.

QUARTERMASTER GENERAL'S REPORT (Page 440)

Statement, compiled from reports thus far received, showing expenditures actually made on account of repair and construction of public buildings at various posts during fiscal year ending June 30, 1888.

(FORT HUACHUCA EXTRACTED)	(Page 457)	Cost	Total
Fort Huachuca, Ariz.			
Officers' Quarters		\$ 65	
Officers' quarters No. 3		15	
Officers' quarters No. 5		21	
Officers' quarters No. 6		48	
Officers' quarters No. 7		100	
Officers' quarters No. 9		35	
Officers' quarters No. 10		385	
Officers' quarters No. 11		24	
Officers' quarters No. 13		17	
Barracks No. 14		82	
Barracks No. 15		40	
Barracks No. 16		36	
Headquarters, etc., No. 17		36	
Barracks No. 18		2,129	
Bakery		70	
Commissary store-house (built)		3,356	
Granary (built)		475	
Amusement hall		475	
Two cavalry stables (built)		3,400	
Non-commissioned staff officers' quarters (built)		650	\$ 11,459

HOSPITALS (Page 434)

By act approved February 9, 1887, Congress granted \$100,000 for the construction and repair of hospitals.

The following table gives the locality of the hospitals and the amount authorized at each:

Fort Huachuca \$ 300.70

MILITARY POSTS (Page 432)

Expenditures authorized for water, drainage, sewer, wharf, road, and various other improvements chargeable to the appropriation for Army transportation.

Fort Huachuca, Ariz. water, drainage, sewerage \$ 5,049

"For shelter and shooting galleries and ranges, and repairs thereof," Congress granted \$10,000 (Army bill, approved February 9, 1887). The apportionments were as follows:

Fort Huachuca Materials \$ 150.00

FORT HUACHUCA, 1887

EXTRACT FROM: Annual Report of the Secretary of War, 1887.

POSITION AND DISTRIBUTION OF TROOPS IN THE DIVISION OF THE PACIFIC, COMMANDED
BY MAJ. GEN. O.O. HOWARD, HEADQUARTERS SAN FRANCISCO, CAL., taken from the
latest returns on file in the Adjutant General's Office, 1887:

DEPARTMENT OF ARIZONA

POST: Fort Huachuca, Arizona

SITUATION: Near Huachuca Station

COMMANDING

OFFICER: Lt. Col. G. A. Forsyth, 4th Cav.

GARRISONS

Number of Companies: 4

Regiments: 4th Cavalry

PRESENT

Medical Department	1
Lieutenant Colonels	1
Captains	2
Regimental chaplains	
Regimental adjutants	1
Regimental quartermasters	1
Subalterns	5

Enlisted Men	228
Total commissioned	11
Aggregate	239

ABSENT

Field and regimental staff officers	1
Captains	2
Subalterns	3

Enlisted Men	-
Total commissioned	6
Aggregate	6

AGGREGATE

Commissioned Officers	17
Enlisted Men	228
Aggregate	245

FORT HUACHUCA - 1889

EXTRACT FROM ANNUAL REPORT OF THE SECRETARY OF WAR, 1889
(War Department, Adjutant General's Office)

(Page 104)

DEPARTMENT OF ARIZONA

POST: Fort Huachuca, Arizona
SITUATION: Near Huachuca Station
COMMANDING
OFFICER: Lt Col G. M. Brayton, 9th Infantry

GARRISONS

Number of Companies: 5
Regiments: 4th Cavalry and 9th Infantry

PRESENT

Medical Department	2
Post Chaplains	1
Lieutenant colonels	1
Captains	4
Subalterns	7
Enlisted Men	279
Total Commissioned	15
Aggregate	294

ABSENT

Captains	1
Subalterns	3
Total Commissioned	4
Aggregate	4

AGGREGATE

Commissioned Officers	19
Enlisted Men	279
Aggregate	298

FORT HUACHUCA - 1889

EXTRACT FROM: Annual Report of the Secretary of War, 1889

Average number of enlisted men at military posts and number
of desertions therefrom between July 1, 1888, and June 30, 1889.

(Page 77)

FORT HUACHUCA, ARIZONA

Average Number of men:	272
Total Desertions:	42
Percent of Desertions:	15

FORT HUACHUCA, 1889

ANNUAL REPORT OF THE SECRETARY OF WAR, 1889

EXPENDED FOR WATER SUPPLY AND SEWERAGE, FT HUACHUCA, FY 1889, (Page 430)

For Material Purchased: \$150.00

For Constructing and Repairing and Digging Wells: \$2,700.00

FORT HUACHUCA - 1889

EXTRACT FROM ANNUAL REPORT OF THE SECRETARY OF WAR, 1889
(War Department, Adjutant General's Office)

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DEPARTMENT OF ARIZONA

POST: Fort Huachuca, Arizona

SITUATION: Near Huachuca Station

COMMANDING

OFFICER: Lt. Col. G. M. Brayton, 9th Infantry.

GARRISONS

Number of Companies: 5

Regiments: 4th Cavalry and 9th Infantry

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AGGREGATE

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Aggregate	298

FORT HUACHUCA * 1890

EXTRACT FROM: Annual Report of the Secretary of War, 1890.

QUARTERMASTER GENERAL'S REPORT:

(Page 685)

Statement compiled from reports thus far received, showing expenditures actually made on account of repair and construction of public buildings at various posts during fiscal year ending June 30, 1890:

(Page 712)

Fort HUACHUCA, ARIZONA

Officers' quarters (adobe) No. 1	\$ 78.00
Officers' quarters (adobe) No. 2	84.00
Officers' quarters (adobe) No. 3	45.00
Officers' quarters (adobe) No. 4	33.00
Officers' quarters (adobe) No. 5	51.31
Officers' quarters (adobe) No. 6	37.30
Officers' quarters (adobe) No. 7	36.46
Officers' quarters (adobe) No. 8	40.28
Officers' quarters (adobe) No. 9	31.45
Officers' quarters (adobe) No.10	73.00
Officers' quarters (adobe) No.11	37.78
Officers' quarters (adobe) No.12	40.75
Officers' quarters (adobe) No.13	81.31
Double barracks (frame) No.14	243.66
Troop barracks (frame) No.15	174.23
Troop barracks (frame) No.16	169.77
Post headquarters, administration building, etc. (frame) No.17	121.46
Troop barracks (adobe) No.18	174.54
Quartermaster's store-house (adobe) No.19	8.00
Guard house (adobe) No.21	57.00
Post bakery (adobe) No.23	49.32
Teamsters' mess (frame) No.25	23.29
Quartermaster's stables (frame) No.26	23.00
Cavalry stables (frame) No.27	27.00
Cavalry stables (frame) No.28	26.73
Cavalry stables (frame) No.29	29.14
Commissary store-house (adobe) No.30	19.41
Granary (adobe) No.31	15.00
Cavalry stables (frame) No.33	27.13
Cavalry stables (frame) No.34	13.00
Non-commissioned Staff's quarters (adobe) No.35	7.24
Saw-mill (frame) No.36	17.76
Non-commissioned Staff's quarters (adobe) No.37	14.00
Magazine (adobe) No.39	609.00
Wagon-shed (frame) No.40	585.14
Hay-shed (frame) n No.41	<u>1,137.80</u>

\$4,242.26

FORT HUACHUCA - 1890

EXTRACT FROM: Annual Report of the Secretary of War, 1890.

FROM REPORT OF THE QUARTERMASTER GENERAL:

(Page 670)

During the year authorizations have also been made for construction of buildings at various military posts from the appropriations for Army transportation and regular supplies, as follows: (FORT HUACHUCA EXTRACTED)

Fort Huachuca	Wagon shed	Frame	\$ 845.95
*	*		
Fort Huachuca	Hay-shed	Frame	1,532.83
	Oil-house	Brick	502.65

(Page 680)

Expenditures authorized for wharves, roads, walks, grading, bridges, and various other expenditures, chargeable to the appropriation for Army transportation.

Fort Huachuca	Roads, walks, grading,	
	bridges	- - -
	Wharves	- - -
	Miscellaneous	845.95

HOSPITALS

(Page 682)

For construction and repair of hospitals, including the extra-duty pay of enlisted men employed on the same, Congress, in the Army appropriation act of March 2, 1889, provided \$100,000. This fund has been disbursed by officers of the Quartermaster's Department, on estimates approved by the Surgeon-General of the Army, as follows:

Fort Huachuca	475.00
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HOSPITAL STEWARDS' QUARTERS (Page 683)

An appropriation of \$12,500 was also made in the above-mentioned act for the construction of hospital stewards' quarters, including the extra-duty pay of enlisted men employed thereon.

This money has been apportioned by the Secretary of War to the posts named below under the provision of law "that the cost of construction of quarters at any one post shall in no case exceed \$800, except where a post is situated at a city of more than 50,000 inhabitants, the cost of construction of such quarters may not exceed \$1,200."

Fort Huachuca	85.00
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EXPENDITURES AUTHORIZED FOR WATER, SEWERAGE, PLUMBING, etc., CHARGED TO APPROPRIATION FOR ARMY TRANSPORTATION FOR 1889-90.

Fort Huachuca	623.06
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3
FORT HUACHUCA - 1890

CLIMATE OF ARIZONA, WITH PARTICULAR REFERENCE TO THE RAINFALL
AND TEMPERATURE, AND THEIR INFLUENCE UPON THE IRRIGATION
PROBLEMS OF THE TERRITORY.

SIGNAL OFFICE, WAR DEPARTMENT,
Washington City, December 4, 1890

(Addressed to the Chief Signal Officer, Signed by WILLIAM A. GLASSFORD,
Second Lieutenant, Signal Corps, Signal Officer and Assistant)

X X X
A R I Z O N A
X X X

Cochise County. -- In the report of the Emigration Commissioner (Thomas Edwin Farish) this southeastern corner of the territory is credited with having 23,500 acres cultivated in dependence on irrigation ditches. The aqueduct systems are not large but make up the average by numbers. In an interesting report on the post gardens at Camp Huachuca, Major Julius H. Patzki, U.S. Army, surgeon of the post, notes that with the single exception of potatoes a good supply of vegetables is grown under a very moderate degree of irrigation in the four months April to July. These gardens are in Tanner's Canyon, 7 miles east of the post. This exception of potatoes deserves a particular mention to stimulate further inquiry or to lead to the institution of further experiments, because the head of this canyon has been widely heralded as the first and almost the only spot on the American continent where have been found specimens of this plant growing in a free and wild state, although it is known to be indigenous to this hemisphere. This interesting discovery which had been known to botanists for years was made in 1882 by J. G. Lemmon, a vendor of herbarium supplies.

X X X
In Ramsay's Canyon near by the water supply is somewhat too precarious for gardening. At the mouth of Ash Canyon an attempt at irrigation from a well is made. On a few ranches west of the post, and extensively in the valleys of the San Pedro and Barbacomori Creek, crops of fruit, vegetables, grain, and hay are produced, all under irrigation, for which water supply is ample. In the San Simon Valley the total ditch system amounts to but 2 miles, and its use is confined to the alfalfa crop. The ditch system of the Sulphur Springs Valley amounts to but 4 miles and is mainly applied to small gardens. The aqueducts of the San Pedro Valley comprise more than 45 miles of conduits. . . . Two points only in the San Pedro Valley exhibit advantageous sites for reservoirs. About 15 miles north of Benson, at the Nigger Ben place, a dam 350 feet long and 40 feet high could be made to store 278,784,000 cubic feet available for the irrigation of 3,000 acres. A mile and a half above Charleston and 26 miles south of Benson a dam 400 feet long and 60 feet high would retain more than 300,000,000 cubic feet. The great drawback which will seriously interfere with the value of these reservoirs is the large amount of evaporation, which is so great that only a small part of the water would be available for the early summer months when of course the maximum is needed.

Letter, Chief
Signal Officer,
Feb. 28, 1891.

"Irrigation and Water Storage in the Arid Regions"
Report of Adolphus Washington Greely, Chief Signal Officer
to the Secretary of War, Washington, 1891.
51st Congress, 2d Session, House of Rep. Ex. Document 267.

USFH-00001068

EXTRACT FROM: Annual Report of the Secretary of War, 1890

POSITION AND DISTRIBUTION OF TROOPS IN THE DEPARTMENT OF ARIZONA, commanded by Brig. Gen. A. M. McCook, headquarters, Los Angeles, California, taken from the latest returns on file in the Adjutant General's Office, 1890:

(FORT HUACHUCA EXTRACTED)

POST: Fort Huachuca, Arizona

SITUATION: Near Huachuca Station

COMMANDING Lieut. Col. D. S. Gordon,
OFFICER: 2nd Cavalry

Number of Companies: 6

Regiments: 2nd Cavalry and 9th Infantry

PRESENT

Medical Department	1
Majors	1
Captains	3
Regimental Chaplain	1
Subalterns	8

Enlisted Men	332
Total Commissioned	14
Aggregate	346

ABSENT

Captains	2
Subalterns	2
Total Commissioned	4
Aggregate	4

AGGREGATE

Commissioned Officers	18
Enlisted Men	332
Aggregate	350

TROOPS - 1891

EXTRACT FROM ANNUAL REPORT OF THE SECRETARY OF WAR, 1891

(Page 110)

POSITION AND DISTRIBUTION OF TROOPS BY DEPARTMENTS, TAKEN FROM THE LATEST RETURNS OF THE ADJUTANT-GENERAL'S OFFICE, 1891.

DEPARTMENT OF ARIZONA

POST: Fort Huachuca, Arizona

SITUATION: Huachuca Station

COMMANDING

OFFICER: Lieutenant Colonel D. S. Gordon, 2nd Cavalry

GARRISONS

Number of Companies: 4

Regiments: 2nd Cavalry and 9th Infantry

PRESENT

Medical Department	2
Post Chaplains	1
Lieutenant Colonels	1
Majors	1
Captains	4
Subalterns	6

Enlisted Men	208
Total Commissioned	15
Aggregate	223

ABSENT

Subalterns	2
Enlisted Men	-
Total Commissioned	2
Aggregate	2

AGGREGATE

Commissioned Officers	17
Enlisted Men	208
Aggregate	225

FORT HUACHUCA - 1891

EXTRACT FROM: Annual Report, Secretary of War, 1891.

FROM QUARTERMASTER GENERAL'S REPORT

HOSPITALS (Page 521)

For construction and repair of hospitals, including the extra-duty pay of enlisted men employed on the same, Congress in the Army appropriation act of June 13, 1890, provided \$100,000. This fund has been disbursed by officers of the Quartermaster's Department on estimates approved by the Surgeon General of the Army, as follows:

Fort Huachuca . . . \$541.19

X

X

X

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EXPENDITURES AUTHORIZED FOR WATER, SEWERAGE, PLUMBING, Etc., chargeable to the appropriation for Army Transportation for 1890-'91.

Fort Huachuca . . . \$ 1,058.78

TROOPS
FORT HUACHUCA - 1892

EXTRACTS FROM: Annual Report of the Secretary of War, 1892 (page 84)

POSITION AND DISTRIBUTION OF TROOPS BY DEPARTMENTS, TAKEN FROM THE LATEST
RETURNS OF THE ADJUTANT-GENERAL'S OFFICE, 1892

DEPARTMENT OF ARIZONA

POST: Fort Huachuca, Arizona
SITUATIONS: Huachuca Station
COMMANDING
OFFICER: Major J.T. Haskell, 24th Infantry

GARRISONS

Number of Companies: 7

Regiments: 2nd Cavalry, 11th and 24th Infantry

PRESENT

Medical Department	2
Post Chaplains,	1
Major	1
Captains	4
Subalterns	7
Enlisted men	437
Total Commissioned	15
Aggregate	452

ABSENT

Field and regimental staff	
Officers	1
Captains	3
Subalterns	6
Total Commissioned	10

AGGREGATE

Aggregate	10
Commissioned Officers	25
Enlisted men	437
Aggregate	462

EXTRACTS FROM: Annual Report of the Secretary of War, 1892

WATER SUPPLIES

(Page 521)

x x x x At Fort Huachuca, Ariz., where the scarcity of water by the drying up of streams in summer suggested the necessity of abandoning the post, relief was obtained in June last by underdraining the 'cienega' at the source of the supply with agricultural drain tiles. x x x x

(Page 525)

x x x x FORT HUACHUCA, ARIZ. - Maj. T. E. Wilcox, September: The water supply, while of good quality, has been of barely sufficient quantity to supply the daily needs of the post and we find ourselves at the close of the rainy season with fewer promises of its holding out than ever before in the history of the post. Streams which always heretofore have had running water at this season are absolutely dry, and as an increase can not now be expected until next July the outlook is anything but encouraging. An emergency appropriation should be made at once to determine if this supply can be increased by the method proposed in previous reports or some other practicable way, lest the abandonment of the post on account of deficient water supply may become a necessity.

December: The water supply has not been greatly increased by the advent of cold weather, as was hoped would be the case, and considerable annoyance has been suffered by the freezing of supply pipes, which are insufficiently protected against the degree of cold which has prevailed during the month. A minimum of eight and even seven degrees above zero has been recorded. It is considered desirable that the chief quartermaster of the department be made acquainted with the above statement for the reason that on his recent visit to the post he was given to understand that no danger was likely to occur to the water pipes through frost. As will be seen, the pipes require protection against the cold of winter as well as the heat of summer.

June, 1892: Has been scanty but of good quality; the deficiency promises to be corrected to some extent by efforts made during the month, which were in accordance with recommendations made in the report for June, 1891. Agricultural drain tiles have been introduced in the 'cienega' at the source of the water supply, and over 7,000 gallons per day obtained in excess of that heretofore secured; the expense has been nominal, and it is believed that a further increase will be found as the water finds its new thoroughfare. The 'cienega' referred to in the last report has been drained and now offers a liberal supply of clear cold water with a temperature of 61° F., which is 18 degrees colder than that of the water from the hydrant at the hospital, and 14 colder than that at the ice machine. It is believed this supply will afford all needed for the saw mill, ice machine, stables, and water closets for the enlisted men. Pipe and a reservoir will be required to make this available, but this will not be attended with great expense.

REPAIRS

(page 401)

Post	Designation	Material	Amount Authorized
Fort Huachuca	Two Cottages for officers' quarters	Adobe	\$5,000.00